FORM PTO-1	449 JAN 8 2005		Docket Number (Optional) Application Number 2080-3-192			
INFO	INFORMATION DISCLOSURE CITATION IN AN APPLICATION				y Yoon, et al.	
(Use several sheets if necessary)			Filing Date December	4, 2003	Group Art Ur	nit
		U.S. PATEN	T DOCUMENTS	·		
EXAMINER DOCUMENT NUMBER DATE			NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US 5,687,160	11/11/1997				12/12/1994
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	F	OREIGN PATE	NT DOCUMENTS	S	<u> </u>	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	WO 99/059290	11/18/1999	wo	H04L	12/18	
	KR 99/0195106	06/15/1999	KR	G11B	19/02	
			thor, Title, Date, Per			

FORM PTO-1	449 JAN 8 9 DOE 3		Docket Number (Optional) Application Number 2080-3-192				
INFO	INFORMATION DISCLOSURE CITATION IN AN APPLICATION			Applicant Woo Seong Yoon, et al.			
(Use several sheets if necessary)			Filing Date December 4	4, 2003	Group Art Un	it	
	· ·	J.S. PATENT	DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
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	OTHER DOCUMENTS						

PTO/SB/08b (08-08)

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known				
Application Number	10/729,083-Conf. #8790			
Filing Date	December 4, 2003			
First Named Inventor	Woo YOON			
Art Unit	2623			
Examiner Name	C. S. Kelley			
Attomey Docket Number	1630-0410PUS1			

			U.S. PA	TENT DOCUMENTS	-
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*	No.1	Number-Kind Code <sup>2</sup> ( if known)	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
	AA*	US-2001/0056580- A1	12-27-2001	Seo et al.	
	AB*	US-2002/0049981- A1	04-25-2002	Tzou	
	AC*	US-7,127,736-B2	10-24-2006	Kondo et al.	
	AD*	US-6,654,769-B2	11-25-2003	Ito et al.	
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	AF*	US-2002/0112247- A1	08-15-2002	Horner et al.	
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Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	0	
Initials*	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Or Relevant Figures Appear	Τ'	
	ВА	EP-0 737 009-A2	10-09-1996				
	ВВ	EP-0 762 422-A2	03-12-1997				
	ВС	JP-10-136314-A	05-22-1998			ABS	
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	BE	EP-1 229 542-A2	08-07-2002				
	BF	EP-1 193 712-A2	04-03-2002				

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Substitute for form 1449A/PTO		Complete if Known			
				Application Number	10/729,083-Conf. #8790
l II	NFORMATIO	N DIS	CLOSURE	Filing Date	December 4, 2003
S	STATEMENT BY APPLICANT			First Named Inventor	Woo YOON
	(ttoo	E4		Art Unit	2623
	(Use as many sheets as necessary)		Examiner Name	Kelley, Christopher S.	
Sheet	1	of	11	Attorney Docket Number	1630-0410PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-2002/0147827-A1	10-10-2002	Breiter et al.	
	AB*	US-2002/0078144-A1	06-20-2002	Lamkin et al.	
	AC*	US-5,995,091-A	11-30-1999	Near et al.	
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Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>6</sup> (# known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	
	ВА	WO-2004/051644-A1	06-17-2004			一
	BB	WO-02/50744-A2	06-27-2002			
	вс	WO-00/63915-A1	10-26-2000			
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²

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Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sul	bstitute for form 1449/PT	то		Complete if Known			
				Application Number 10/729,083-Conf. #8790			
11	NFORMATIC	ON DIS	SCLOSURE	Filing Date	December 4, 2003		
S	STATEMENT BY APPLICANT			First Named Inventor	Woo YOON		
				Art Unit	2621		
	(Use as many sheets as necessary)			Examiner Name	H. Q. Dang		
Sheet	1	of	2	Attorney Docket Number	1630-0410PUS1		

			U.S. PATI	ENT DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	BG*		09-22-2005	Chiu et al.	
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T	BL*			Mohan et al.	

Su	bstitute for form 1449/PTC	<b>5</b>		Complete if Known			
				Application Number	10/729,083-Conf. #8790		
	NFORMATIO	N DISC	CLOSURE	Filing Date	December 4, 2003		
S	STATEMENT BY APPLICANT			First Named Inventor	Woo YOON		
	() to a construction	- <b>.</b>		Art Unit	2621		
	(Use as many s	ineets as ne	cessary)	Examiner Name	H. Q. Dang		
Sheet	2	of	2	Attorney Docket Number	1630-0410PUS1		

		FOREI	GN PATENT	DOCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
Initials* No.	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	T⁵
	BA	EP-0737009-B1	10-09-1996	Tokyo Shibaura Electric Co		Н
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	BC	JP-11271071-A	10-05-1999	Sony Corp		Н
	BD	KR-20020059706-A	07-13-2002	Koninkl Philips Electronics N.V.		П
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	BG	WO-00/063915-A1	10-26-2000	Spruce Technologies, Inc.		H
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	BJ	WO-2004/036576-A1	04-29-2004	Samsung Electronics Co., Ltd.		П
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	BL	WO-02/21529-A1	03-14-2002	Koninkl Philips Electronics N.v.		П

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<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute	for form 1449A/F	то		Complete if Known		
				Application Number	10/729,083 12-04-03 Seung Hoon Lee	
INFO	RMATION	N DISC	LOSURE	Filing Date		
STAT	EMENT I	BY AP	PLICANT	First Named Inventor		
				Art Unit	2484	
(	(Use as many sh	ieets as ned	cessary)	Examiner Name	Hung Q. Dang	
Sheet	1	of	1	Attorney Docket Number	1630-0410PUS1	

Cite No.	Document Number	T	NT DOCUMENTS		
NO.	Document Number	Publication Date	Name of Patentee or	Pages, columns, Lines, Where Relevant Passages or Relevant	
	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Figures Appear	
1	US-2002/0080753 - A1	01-27-2002	Lee		
2	US-6,580,870 - B1	06-17-2003	Kanazawa et al.		
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		1 US-2002/0080753 - A1 2 US-6,580,870 - B1	1 US-2002/0080753 - A1 01-27-2002 2 US-6,580,870 - B1 06-17-2003	1 US-2002/0080753 - A1 01-27-2002 Lee 2 US-6,580,870 - B1 06-17-2003 Kanazawa et al.	

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Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, columns, Lines, Wher Relevant Passages or Relevan	
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